

CLAIMS

What is claimed:

1. A speaker mounting system comprising:

a surface mounting bracket including at least one male attachment mount; and

5 a speaker unit comprising at least one audio speaker and a shaped surface defining a plurality of angularly spaced apart female attachment grooves,

said plurality of angularly spaced apart female attachment grooves are adapted for removably engaging said at least one male attachment mount.

2. A speaker mounting system in accordance with Claim 1, wherein said at least one male attachment mount is a T-mount.

3. A speaker mounting system in accordance with Claim 1, wherein said plurality of angularly spaced apart female attachment grooves are incised into said shaped surface wherein said shaped surface is semi-circular.

4. A speaker mounting system in accordance with Claim 1, further comprising a lightpipe disposed in said shaped surface.

5. A speaker mounting system in accordance with Claim 1, wherein the lightpipe is a tube comprising an acrylic material which illuminates a surface proximal to said speaker unit.

6. A speaker mounting system in accordance with Claim 4, wherein the lightpipe has a first end and a second end wherein at least one from the group consisting of said first end and said second end are illuminated by a LED proportional to the intensity of an audio level.

7. A speaker mounting system in accordance with Claim 5, wherein said lightpipe illuminates a surface proximal to said speaker unit.

8. A speaker mounting system in accordance with Claim 1, wherein said surface mounting bracket further comprises a bracket connecting surface mechanically connected at an angle θ relative a bracket arm, wherein the angle θ is adapted to provide said speaker unit pointing angle adjustment.

9. A speaker mounting system in accordance with Claim 7, wherein said surface mounting bracket, said bracket arm, and said at least one male attachment mount are composed of an extruded aluminum material.

10. A speaker mounting system in accordance with Claim 1, wherein said semi-circular shaped surface further comprises an angle marking system adapted to store a location for at least one audio speaker, wherein the at least one audio speaker includes at least one column of spaced apart speakers selected from a group consisting of planar speakers.

11. A speaker mounting system comprising:

a rotating base stand;

a shaft speaker unit comprising at least one audio speaker;

5 a ball bearing comprising an inner ring;

a shaft which mechanically cooperates with the shaft speaker unit; and

a ring which mechanically cooperates with the shaft and mates with a ball bearing inner ring within said ball bearing.

12. A speaker mounting system in accordance with Claim 11, wherein said rotating base stand comprises angular markings.

13. A speaker mounting system in accordance with Claim 11, wherein said ring mechanical cooperation includes rotating about the shaft.

14. A speaker mounting system in accordance with Claim 11, wherein the shaft speaker unit includes at least one planar speaker.

15. A speaker mounting system in accordance with Claim 11, wherein the shaft speaker unit includes at least two columns forming a linear array of speakers selected from a group consisting of tweeter drivers and midrange drivers.

16. A speaker mounting system in accordance with Claim 11, wherein the surface mounting bracket, the bracket arm, and the at least one male attachment mount are composed of an extruded aluminum material.

17. A method for positioning an audio speaker, said method comprising the steps of:
mounting a shaft speaker unit to a ring; wherein said ring mechanically cooperates with
a ball bearing inner ring disposed in a ball bearing,
rotating said shaft speaker unit and said ring within said ball bearing inner ring;
5 selecting an angular marking disposed on said ball bearing; and
aligning said angular marking with a shaft speaker unit marking disposed on said shaft
speaker unit.

18. A speaker mounting system comprising:

a surface mounting bracket including a plurality of angularly spaced apart female
attachment grooves; and

5 a speaker unit comprising at least one audio speaker and a shaped surface defining at
least one male attachment mount,

said at least one male attachment mount is adapted for removably engaging with
said plurality of angularly spaced apart female attachment grooves.

19. A speaker mounting system in accordance with Claim 18, wherein said at least one
male attachment mount is a T-mount.

20. A speaker mounting system in accordance with Claim 18, further comprising a lightpipe
disposed in said shaped surface whereby, said lightpipe is a tube comprising an acrylic material
which illuminates a surface proximal to said speaker unit.